

Attorney Docket No.: JP92000411US1

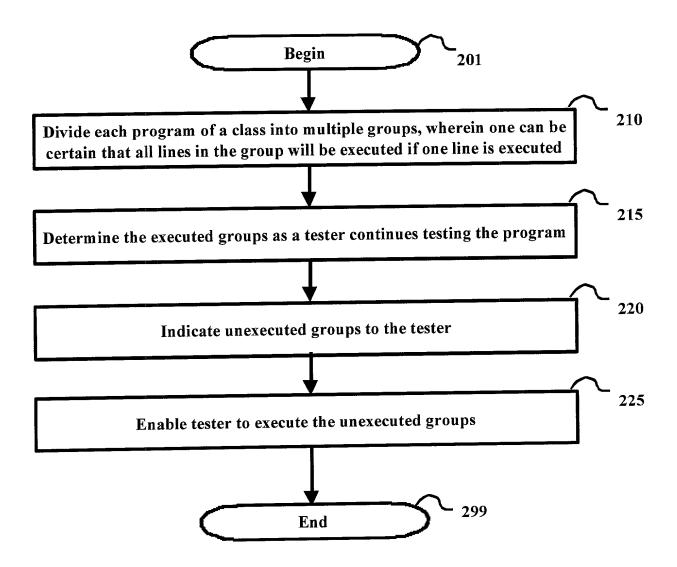
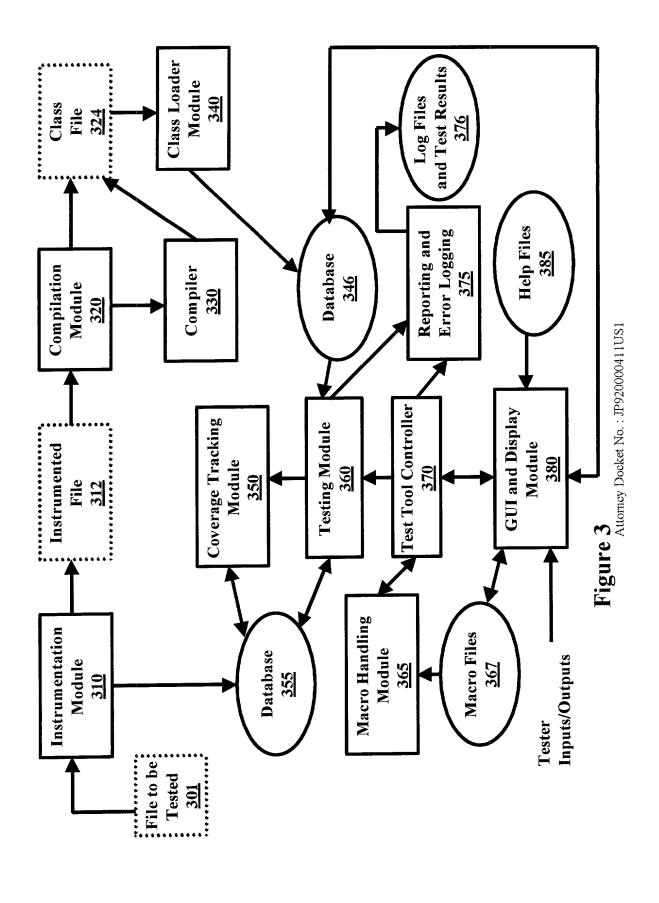


Figure 2



```
1
           public void addString(String inStr) {
                    /* The location where the string needs to be set */
 2
 3
                    int setPos = -1;
 4
                            /* Check the size to see if the next set needs to be allocated */
 5
                    if( list.size() > 0 \&\& (
           (String)(list.elementAt(list.size()-1))).equals(emptyString)) {
 6
 7
                            /* We still have empty space, get the first empty slot */
 8
                            int totalRec = list.size();
 9
                            for(int index=totalRec-1;index >= 0;index--) {
                                  if(!((String)list.elementAt(index)).equals(emptyString)) {
10
11
                                             break;
                                     }
12
                                     else {
13
                                             setPos = index;
14
15
                                     }
                            }
16
                    }
17
                   else {
18
                            /* We have run out of space, allocate the nest set */
19
                            int size = list.size();
20
                            for(int index=0;index<numSetVal;index++) {</pre>
21
                                     list.addElement(emptyString);
22
                            }
23
                            setPos = size;
24
25
                    }
                   /* Add the element */
26
                    list.setElementAt(inStr,setPos);
27
28
           }
```

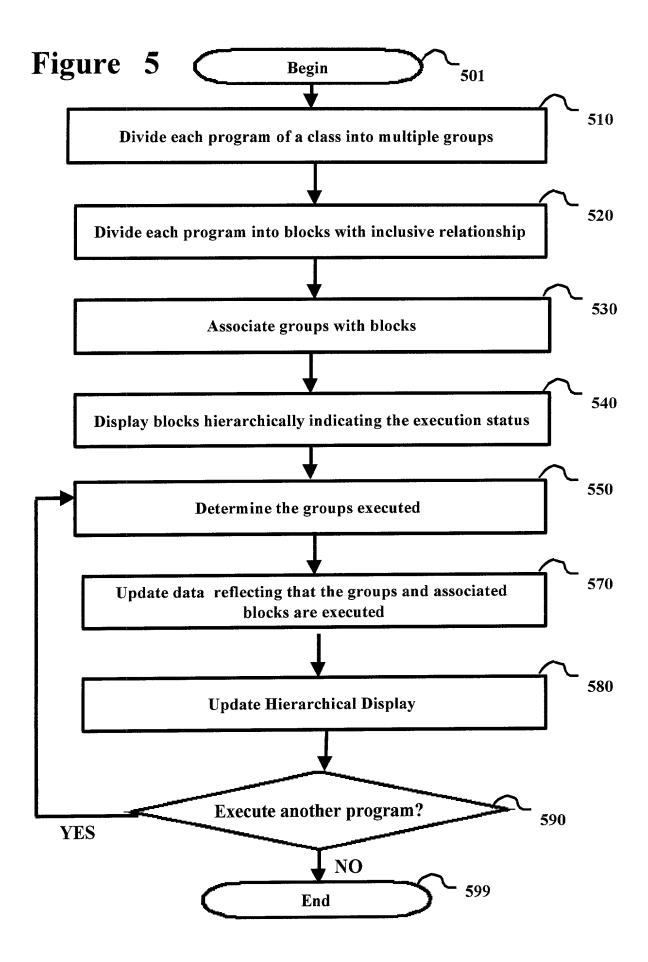
Figure 4A

```
1
         public void addString(String inStr) {
 2
                 /* INTRUMENTATION Group B11 - BEGIN */
 3
                 Wiz Tracer.trackExecution("WizStringList",11);
 4
                 /* INTRUMENTATION GROUP B11 - END */
 5
                 int setPos = -1;
 6
                 if(list.size() > 0 && (
 7
         (String)(list.elementAt(list.size()-1))).equals(emptyString))
 8
         {/*INTRUMENTATION GROUP B12 - BEGIN */
                        Wiz_Tracer.trackExecution("WizStringList",12);
 9
                        /* INTRUMENTATION GROUP B12 - END */
10
11
                        int totalRec = list.size();
                        for(int index=totalRec-1;index >= 0;index--) {
12
                               /* INTRUMENTATION GROUP B13 - BEGIN */
13
                               Wiz Tracer.trackExecution("WizStringList",13);
14
                               /* INTRUMENTATION GROUP B13 - END */
15
                               if(!((String)list.elementAt(index)).equals(emptyString)) {
16
                                      /* INTRUMENTATION GROUP B14 - BEGIN */
17
                                      Wiz Tracer.trackExecution("WizStringList",14);
18
                                      /* INTRUMENTATION GROUP B14 - END */
19
20
                                      break;
                                       /* <if GROUP(B14) ends at line : 134> */
                               }
21
```

Figure 4B

```
/* <else GROUP(B15) begins at line: 135> */
22
                                else {
                                        /* INTRUMENTATION GROUP B15 - BEGIN */
23
                                        Wiz Tracer.trackExecution("WizStringList",15);
24
                                        /* INTRUMENTATION GROUP B15 - END */
25
                                       setPos = index;
26
                  /* <else block(B15) ends at line : 138> */
27
          }
                                /* <br/>break(B16) begins at line : 139> */
28
29
                                /* INTRUMENTATION GROUP B16 - BEGIN */
                                Wiz Tracer.trackExecution("WizStringList",16);
30
                                /* INTRUMENTATION GROUP B16 - END */
31
                                /* <for block(B13) ends at line : 139> */
32
                 }
                         /* < if block(B12) ends at line : 141> */
33
                         /* <else block(B17) begins at line: 142> */
                 else {
34
                         /* INTRUMENTATION GROUP B17 - BEGIN */
35
                         Wiz Tracer.trackExecution("WizStringList",17);
36
                         /* INTRUMENTATION GROUP B17 - END */
37
                         int size = list.size();
38
                                                                      /* <for
                         for(int index=0;index<numSetVal;index++) {
39
                                        block(B18) begins at line: 146> */
40
                                /* INTRUMENTATION GROUP B18 - BEGIN */
41
                                Wiz Tracer.trackExecution("WizStringList",18);
42
                                /* INTRUMENTATION GROUP B18 - END */
43
                                list.addElement(emptyString);
44
                                 /* <for block(B18) ends at line : 149> */
45
                         }
                         setPos = size;
46
                         /* <else block(B17) ends at line : 152> */
47
                 list.setElementAt(inStr,setPos);
48
                  /* <method block - addString(B11) ends at line : 156> */
49
          }
```

Figure 4C



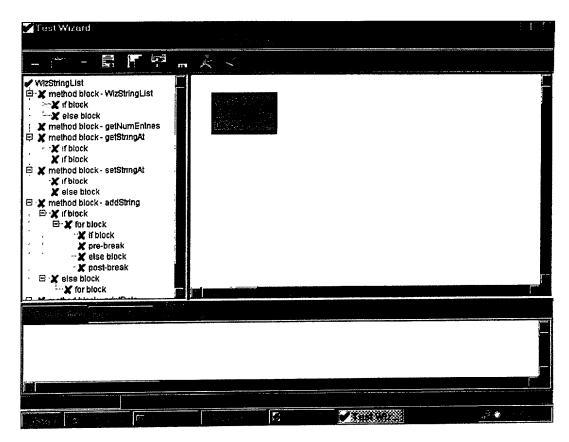


Figure 6

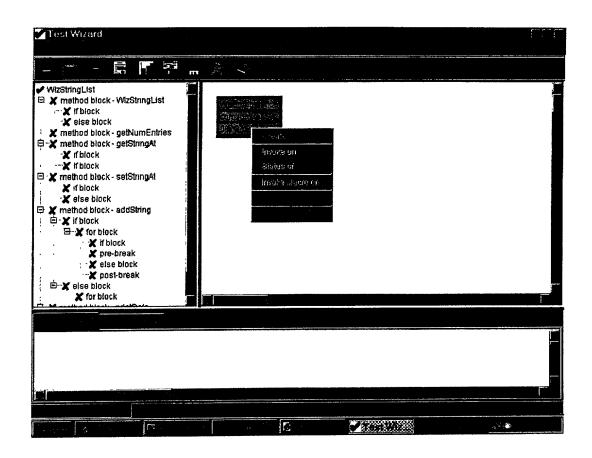


Figure 7A

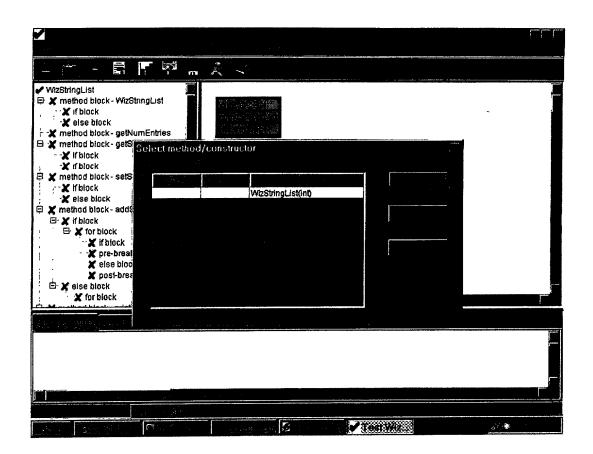


Figure 7B

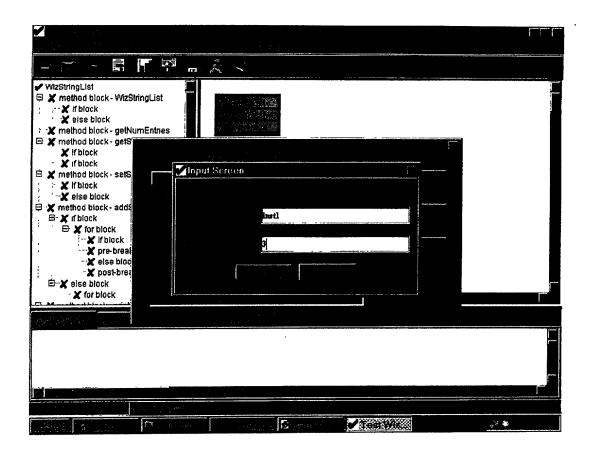


Figure 7C

```
Fest Wizard
                                    副下列 ... 文
✓ WizStringList
                                                                                                    public WizStringLast(int num) {
                                                                                 35
36
37
38
39
40
41
42
43
44
45
46
47
50
51
52
53

    X if block
    ✓ else block
    ✓ else block
    X method block- getNumEntries
    X method block- getStringAt
    X method block- setStringAt
    ✓ method block- addString
    X method block- printData
    X method block- staticMethod
                                                                                                              /* Check the value passed for validity */ if(num < 1) {
                                                                                                                       numSetVal = 1,
                                                                                                              else (
                                                                                                                       numSetVal = num;
                                                                                                             }
                                                                                                   )
                                                                                                             The method that returns the number of entnes in the last.
@return The number of sets in the ordered list
                                                                                                             @return
                                                                                                    public int getNumEntries() (
                                                                                                                                    / jestwama / E
```

Figure 8

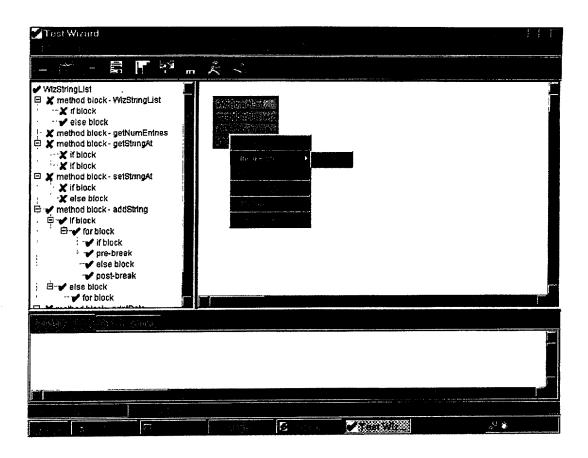


Figure 9A

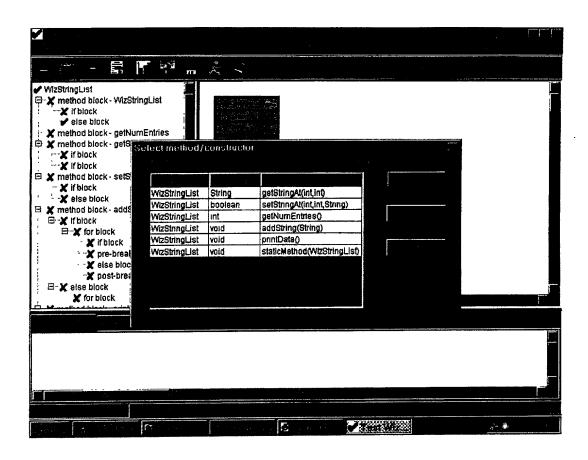


Figure 9B

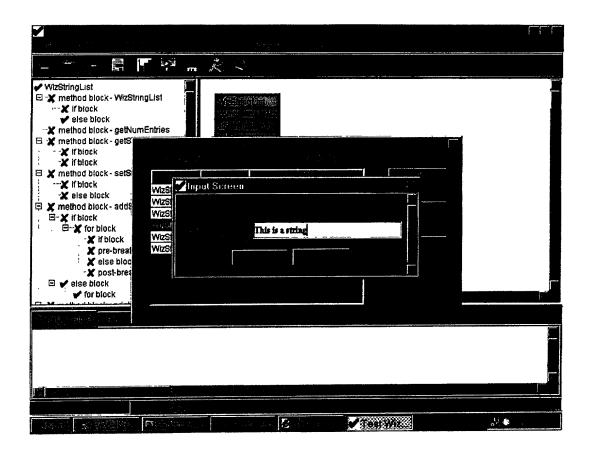


Figure 9C

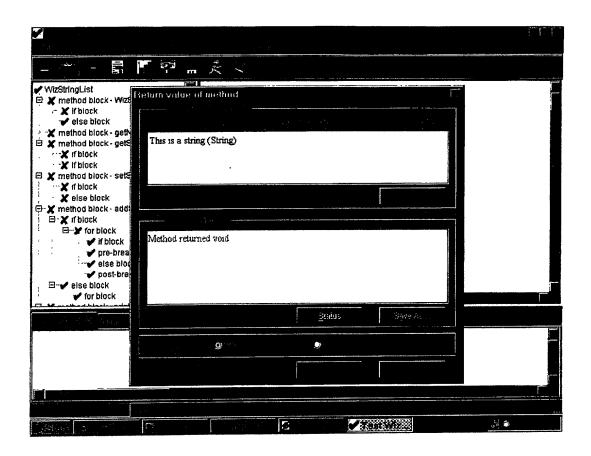


Figure 9D

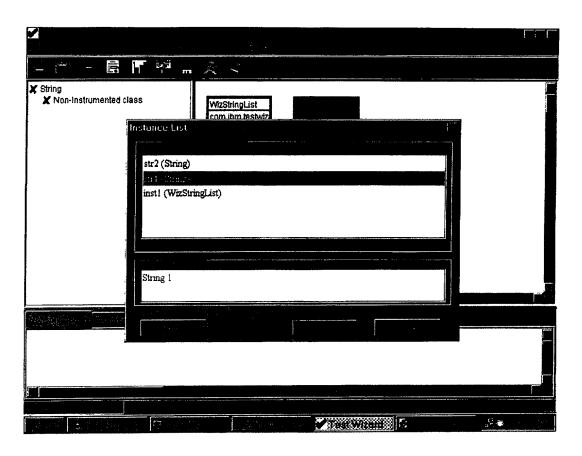


Figure 10

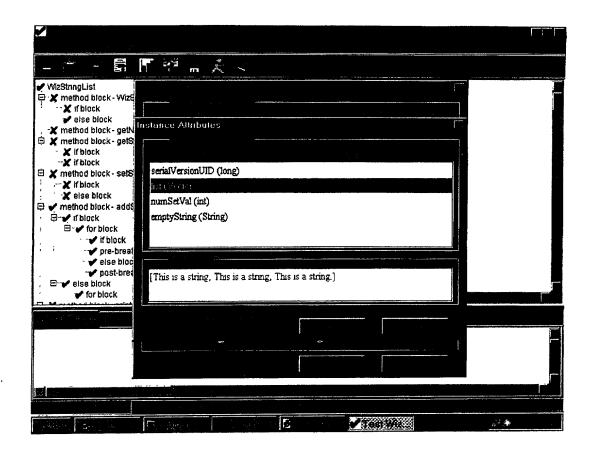


Figure 11A

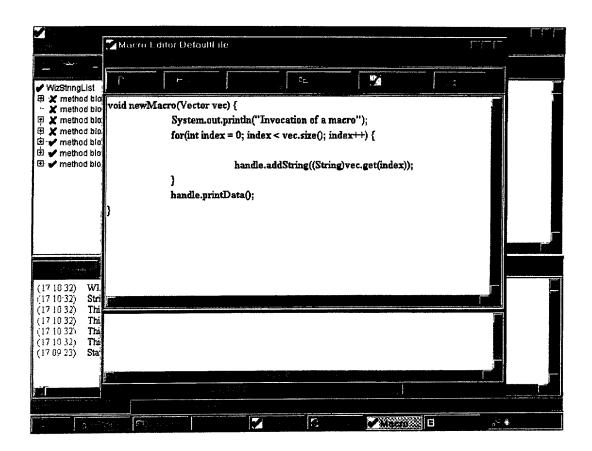


Figure 11B

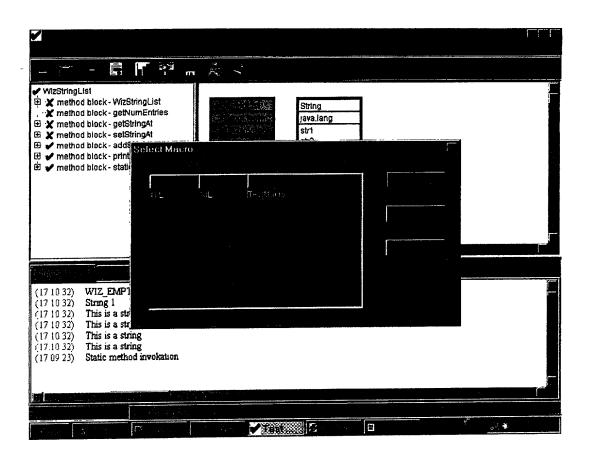


Figure 11C